



PTO/SB/08A (07-06)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 8

Complete if Known

Application Number	10/738,912 Conf. #8356
Filing Date	December 16, 2003
First Named Inventor	Snyder
Art Unit	3752
Examiner Name	unknown
Attorney Docket Number	NEKT/0018US

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US2002/0071871	06/13/2002	Snyder, et al.	
	2	US2002/0081266	06/27/2002	Woolfe, et al.	
	3	US2003/0047824	03/13/2003	Hanna, et al.	
	4	US2003/0109421	06/12/2003	Palakodaty, et al.	
	5	US2003/0124193	07/03/2003	Snyder, et al.	
	6	US2003/0203036	10/30/2003	Gordon, et al.	
	7	US2003/0215514	11/20/2003	Platz, et al.	
	8	US2004/0119179	06/24/2004	Perrut, et al.	
	9	US2005/0206023	09/22/2005	Hanna, et al.	
	10	US3790079	02/05/1974	Berglund, et al.	
	11	US4035317	07/12/1977	Gershberg	
	12	US4127235	11/28/1978	Klaile, et al.	
	13	US4261793	04/14/1981	Nakamura, et al.	
	14	US4328107	05/04/1982	Wright	
	15	US4361281	11/30/1982	Nash	
	16	US4361285	11/30/1982	Koppehele, et al.	
	17	US4486435	12/04/1984	Schmidt, et al.	
	18	US4540602	09/10/1985	Motoyama, et al.	
	19	US4582731	04/15/1986	Smith	
	20	US4629478	12/06/1986	Browner, et al.	
	21	US4687929	08/18/1987	Browner, et al.	
	22	US4702799	10/27/1987	Tuot	
	23	US4721709	01/26/1988	Seth, et al.	
	24	US4742810	05/10/1988	Anders, et al.	
	25	US4748034	05/31/1988	de Rham	
	26	US4760093	07/26/1988	Blank, et al.	
	27	US4762995	08/09/1988	Browner, et al.	
	28	US4784878	11/15/1988	Haak	
	29	US4794167	12/17/1988	Lindner, et al.	
	30	US4807814	02/28/1989	Douche, et al.	
	31	US4818424	04/04/1989	Evans, et al.	
	32	US4835187	05/30/1989	Reuter, et al.	
	33	US4871489	10/03/1989	Ketcham	
	34	US4919853	04/24/1990	Alvarez, et al.	
	35	US4924097	05/08/1990	Browner, et al.	
	36	US4952402	08/28/1990	Sparks, et al.	
	37	US4970093	11/13/1990	Sievers, et al.	
	38	US4977785	12/18/1990	Willoughby, et al.	
	39	US5000888	03/19/1991	Kilbride, Jr., et al.	
	40	US5009367	04/23/1991	Nielsen	
	41	US5015423	05/14/1991	Eguchi, et al.	

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42	US5017372	05/21/1991	Hastings	
43	US5026550	06/25/1991	Aeschbach, et al.	
44	US5076097	12/31/1991	Zarrin, et al.	
45	US5106659	04/21/1992	Hastings, et al.	
46	US5115971	05/26/1992	Greenspan, et al.	
47	US5160664	11/03/1992	Liu	
48	US5175433	12/29/1992	Browner, et al.	
49	US5219120	06/15/1993	Ehrenberg, et al.	
50	US5221731	06/22/1993	Weymans, et al.	
51	US5247842	09/28/1993	Kaufman, et al.	
52	US5248087	09/28/1993	Dressler	
53	US5269980	12/14/1993	Levendis, et al.	
54	US5279708	01/18/1994	Wood, et al.	
55	US5309900	05/10/1994	Knoch, et al.	
56	US5384133	01/24/1995	Boyes, et al.	
57	US5437798	08/01/1995	LaRoche, et al.	
58	US5482927	01/09/1996	Maniar, et al.	
59	US5500027	01/19/1996	Rudolph, et al.	
60	US5518709	05/21/1996	Sutton, et al.	
61	US5542935	08/06/1996	Unger, et al.	
62	US5560543	10/01/1996	Smith, et al.	
63	US5580856	12/03/1996	Prestrelski, et al.	
64	US5607697	03/04/1997	Alkire, et al.	
65	US5609919	03/11/1997	Yuan, et al.	
66	US5624530	04/29/1997	Sadykhov, et al.	
67	US5628937	05/13/1997	Oliver, et al.	
68	US5639441	06/17/1997	Sievers, et al.	
69	US5648096	07/15/1997	Gander, et al.	
70	US5651990	07/29/1997	Takada, et al.	
71	US5667806	09/16/1997	Kantor	
72	US5687905	11/18/1997	Tsai	
73	US5709886	01/20/1998	Bettman, et al.	
74	US5716558	02/10/1998	Nielsen, et al.	
75	US5741478	04/21/1998	Osborne, et al.	
76	US5770559	06/23/1998	Manning, et al.	
77	US5776491	07/07/1998	Allen, Jr., et al.	
78	US5785049	07/28/1998	Smith, et al.	
79	US5795594	08/18/1998	York, et al.	
80	US5800598	09/01/1998	Chein, et al.	
81	US5807576	09/15/1998	Allen, Jr., et al.	
82	US5874029	02/23/1999	Subramaniam, et al.	
83	US5957848	09/28/1999	Sutton, et al.	
84	US5964416	10/12/1999	Jaeger, et al.	
85	US5970974	10/26/1999	VanDerLinden, et al.	
86	US5972388	10/26/1999	Sakon, et al.	
87	US5981474	11/09/1999	Manning, et al.	
88	US5993805	11/30/1999	Sutton, et al.	
89	US5997848	12/07/1999	Patton, et al.	
90	US6015546	01/18/2000	Sutton, et al.	
91	US6017310	01/25/2000	Johnson, et al.	
92	US6051257	04/18/2000	Kodas, et al.	
93	US6063138	05/16/2000	Hanna, et al.	
94	US6090407	07/18/2000	Knight, et al.	
95	US6116516	09/12/2000	Ganan-Calvo	
96	US6117455	09/12/2000	Takada, et al.	
97	US6119953	09/19/2000	Ganan-Calvo, et al.	
98	US6136295	10/24/2000	Edwards, et al.	

	99	US6149941	11/21/2000	Schwarz, et al.	
	100	US6174469	01/16/2001	Ganan-Calvo	
	101	US6197835	03/06/2001	Ganan-Calvo	
	102	US6241159	06/06/2001	Ganan-Calvo, et al.	
	103	US6258341	07/10/2001	Foster, et al.	
	104	US6290991	09/18/2001	Roser, et al.	
	105	US6316029	11/13/2001	Jain, et al.	
	106	US6331290	12/18/2001	Morgan	
	107	US6331310	12/18/2001	Roser, et al.	
	108	US6365190	04/02/2002	Gordon, et al.	
	109	US6416739	09/09/2002	Rogerson, et al.	
	110	US6423344	07/23/2002	Platz, et al.	
	111	US6451349	09/17/2002	Robinson, et al.	
	112	US6565885	05/20/2003	Tarara, et al.	
	113	US6572893	06/03/2003	Gordon, et al.	
	114	US6582728	06/24/2003	Platz, et al.	
	115	US6592904	07/15/2003	Platz, et al.	
	116	US6656492	12/02/2003	Kajiyama, et al.	
	117	US6860907	03/01/2005	Hanna, et al.	
	118	US6383810	05/07/2002	Fike, et al.	

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	119	EP0344375	12-06-1989	DAMROW CO INC (US)		
	120	EP0408801	01-23-1991	OGAWARA KAKOKI KK (JP)		
	121	EP0461930	12-18-1991	MERCK & CO INC (US)		
	122	EP0611567	08-24-1994	TEIJIN LTD (JP)		
	123	EP0072046	02-16-1983	FISONS PLC (GB)		
	124	EP455892	11-13-1991	GEORGIA TECH RES INST (US); et al.		
	125	EP469725	02-05-1992	ICI PLC (GB)		
	126	EP512693	11-11-1992	DELTA BIOTECHNOLOGY LTD (GB)		
	127	EP628331	12-14-1994	ULTRASONIC DRYER LTD (IL)		
	128	EP674541	10-04-1995	ICI PLC (GB)		
	129	EP681843	11-199515	ANDARIS LTD (GB)		
	130	EP709085	05-01-1996	TAKEDA CHEMICAL INDUSTRIES LTD (JP)		
	131	EP746751	02-27-1995	TSI INC (US)		
	132	EP899017	03-03-1999	UNIV SEVILLA (ES)		
	133	EP972526	01-19-2000	QUADRANT HEALTHCARE UK LTD (GB)		
	134	GB 2105189	03-23-1983	FISONS PLC (GB BRADFORD		
	135	GB2322326	08-26-1998	PARTICLE DESIGN LTD (GB)		
	136	UK0300338.1	01-08-2003	NEKTAR THERAPEUTICS		
	137	UK0300339.9	01-08-2003	NEKTAR THERAPEUTICS		
	138	UK 473471	10-13-1937	EMIL KIRSCHBAUM		
	139	UK 621785	04-20-1949	TECO SA		
	140	WO 00/00176	01-06-2000	QUADRANT HEALTHCARE UK LIMITED (GB)		
	141	WO 00/09084	02-24-2000	QUADRANT HEALTHCARE UK LIMITED (GB); et al.		
	142	WO 00/10541	03-02-2000	ADVANCED INHALATION RESEARCH I (US)		
	143	WO 00/12278	03-09-2000	SUPERIOR MICROPOWDERS LLC (US); et al.		

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144	WO 00/13668	03-16-2000	QUADRANT HEALTHCARE UK LIMITED (GB);
145	WO 00/66256	11-09-2000	ACUSPHERE INC (US)
146	WO 00/76673	12-21-2000	ARADIGM CORP (US); et al.
147	WO 01/03673	01-18-2001	QUADRANT HOLDINGS CAMBRIDGE (GB) BRADFORD
148	WO 01/03821	01-18-2001	PARTICLE DESIGN PLC (GB); et al. NORTON
149	WO 01/13885	03-01-2001	HEALTHCARE LTD (GB);
150	WO 01/15664	03-08-2001	YORK PETER (GB); et al.
151	WO 01/45731	06-28-2001	RXKINETIX INC (US)
152	WO 01/64188	09-07-2001	QUADRANT HOLDINGS CAMBRIDGE (GB); et al.
153	WO 01/87278	11-22-2001	QUADRANT HEALTHCARE UK LTD (GB);
154	WO 02/078675	10-10-2002	ADVANCED INHALATION RES INC (US)
155	WO 02/15876	02-28-2002	QUADRANT HEALTHCARE UK LTD (GB);
156	WO 02/15880	02-28-2002	MERCK PATENT GMBH (DE); et al.
157	WO 02/32462	04-25-2002	SEPAREX SA (FR); et al.
158	WO 03/000202	01-03-2003	ADVANCED INHALATION RES INC (US)
159	WO 03/008082	01-30-2003	BRADFORD PARTICLE DESIGN LTD (GB); et al.
160	WO 88/07870	10-20-1988	CARBOMATRIX AB (SE)
161	WO 89/05196	06-15-1989	LARSSON HANS- GUNNAR (SE)
162	WO 90/11139	10-04-1990	UNION CARBIDE CHEM PLASTIC (US)
163	WO 91/16882	11-14-1991	LIPOSOME TECHNOLOGY INC (US)
164	WO 92/18164	10-29-1992	DELTA BIOTECHNOLOGY LTD (GB)
165	WO 93/07465	04-15-1993	TSI INC (US)
166	WO 94/08627	04-28-1994	DELTA BIOTECHNOLOGY LTD (GB);

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167	WO 95/01221	01-12-1995	UNIV BRADFORD (GB);
168	WO 95/01324	01-12-1995	GLAXO GROUP LTD (GB);
169	WO 95/13864	05-26-1995	NIRO HOLDING AS (DK);
170	WO 95/23613	09-08-1995	GENENTECH INC (US)
171	WO 95/31479	11-23-1995	INHALE THERAPEUTIC SYST (US); et al.
172	WO 96/00610	01-11-1996	UNIV BRADFORD (GB);
173	WO 96/03978	02-15-1996	QUADRANT HOLDINGS CAMBRIDGE (GB); et al.
174	WO 96/05809	02-29-1996	QUADRANT HOLDINGS CAMBRIDGE (GB);
175	WO 96/11580	04-25-1996	WATERFORD CREAMERY LTD (IE);
176	WO 96/15814	05-30-1996	ANDARIS LTD (GB); et al.
177	WO 96/32096	10-17-1996	INHALE THERAPEUTIC SYST (US);
178	WO 97/14407	04-24-1997	RES TRIANGLE PHARM LTD (US); et al.
179	WO 97/28788	08-14-1997	QUADRANT HOLDINGS CAMBRIDGE (GB);
180	WO 97/31691	09-04-1997	UNIV KANSAS (US);
181	WO 97/36574	10-09-1997	GLAXO GROUP LTD (GB); et al.
182	WO 97/36578	10-09-1997	ANDARIS LTD (GB);
183	WO 97/44067	11-27-1997	ANDARIS LTD (GB); et al.
184	WO 98/01228	01-15-1998	SPRAYCHIP SYSTEMS CORP (US);
185	WO 98/17676	04-30-1998	GLAXO GROUP LTD (GB);
186	WO 98/29096	07-09-1998	INHALE THERAPEUTIC SYST (US)
187	WO 98/29098	07-09-1998	INHALE THERAPEUTIC SYST (US)
188	WO 98/31346	07-23-1998	MASSACHUSETTS INST TECHNOLOGY (US); et al.
189	WO 98/36825	08-27-1998	BRADFORD PARTICLE DESIGN LTD (GB); et al.
190	WO 98/36888	08-27-1998	NANOCHEM RES LLC (US)

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191	WO 98/47493	10-29-1998	FAULDING F H & CO LTD (AU); et al.
192	WO 99/17748	04-15-1999	FMC CORP (US)
193	WO 99/30834	06-24-1999	UNIV SEVILLA (ES);
194	WO 99/31019	06-24-1999	UNIV SEVILLA (ES);
195	WO 99/32083	07-01-1999	QUADRANT HEALTHCARE UK LIMITED (GB);
196	WO 99/44733	09-10-1999	BRADFORD PARTICLE DESIGN LTD (GB);
197	WO 99/59710	11-25-1999	BRADFORD PARTICLE DESIGN PLC (GB); et al.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>Application Number</i>	10/738,912 Conf.#8356
		<i>Filing Date</i>	December 16, 2003
		<i>First Named Inventor</i>	Snyder
		<i>Art Unit</i>	3752
		<i>Examiner Name</i>	unknown
		<i>Attorney Docket Number</i>	NEKT/0018US
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Sheet	8	of	8

NON PATENT LITERATURE DOCUMENTS			
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	198	BLOCH et al., "Dispersions of Hydrochlorothiazide and Chlorhalidone in Pentaerythritol." Pharm. Acta. Helv. (1983) , 58 (1):, p. 14-22.*	
	199	BOHNET. Matthias, "Calculation and Design of Gas/Solid-Injectors," Powder Tech, 1984. pp. 302-313.*	
	200	CARPENTER, John F. et al., "Modes of Stabilization of a Protein by Organic Solutes During Desiccation," Cryobiology. 1988. Volume 25, pp. 459-470.*	
	201	HE ET AL., "Chitosan Microspheres Prepared by Spray Drying," International J. of Pharm. (Amsterdam), Vol. 187, No.1, o. 53-65*	
	202	JUNG ET AL. • "Particle Design Using Supercritical Fluids: Literature and Patent Survay." J. of Supercritical Fluids Vol. 20. n. 179-219 (200 1).*	
	203	MOHAMED ET AL.. "Solids Formation After the Expansion of Supercritical Mixtures." Supercritical Fluid Science and Technology. Chapter 23. American Chemical Society, p. 355-378 (1989). *	
	204	MUMENTHALER et al., "Feasibility Study on Spray-Drying Protein Pharmaceuticals: Recombinant Human Growth Hormaoine and Tissue-Type Plasminogen Activator." Pharm Res. (1994), 11(1):. P 12-20. *	
	205	WITHAM, Clyde L., "Dry Dispersion With Sonic Velocity Nozzles," Workshop on Dissemination Techniques for Smoke and Obscurants Chemical Systems Laboratory. Aberdeen Proving Group, MD, March 14-16, 1983, pp. 1-26.*	

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